



## Planning for Programs and Activities

A modern aquatic facility of any size is expected to meet the needs of a wide range of user interests and activities. In addition the specific interests and priorities of a given community may emphasize one or more program areas over another in order to address unique community characteristics. As the City of Newport contemplates a pool addition to the Newport Aquatic Center it is important to understand the nature and specific requirements of each of these activities in order to assure that the design of the facility will accommodate these requirements. These generally fall into the following categories:

- Water Safety Training and Instruction
- Recreation
- Fitness
- Competition
- Therapy

While it is recognized that not all goals may be met, the following section summarizes the preferred range of programs and activities to be offered or accommodated:

<b>Water Safety Instruction Classes</b>	<b>Program Description</b>
Public Swim Lessons	
- Learn to Swim, Parent/Child	2-4 foot water depth; warm water temperature
- Learn to Swim, Preschool	1-3 foot water depth; warm water temperature
- Am. Red Cross Aquatics	2-5 foot water depth; normal water temperature
Private Swim Lesson	2-5 foot water depth; warm to normal water temperature
Other Activities:	
- School Lessons/Activities	4-6 foot water depth; warm water temperature
- Senior Exercise Programs	4-6 foot water depth
- Adult Exercise Programs	8 foot minimum water depth, 10 feet preferred
- Life Guard Training	8 foot minimum water depth, 10 foot preferred
- WSI	8 foot minimum water depth, 10 foot preferred
- Instructor Aide Training	8 foot minimum water depth, 10 foot preferred
<b>Recreational Swim Programs</b>	<b>Program Description</b>
Open Swim	
- Swimmers	Swimming in variety of water depths and temperatures
- Non-Swimmers	Non-swim play in shallow water depth and warm water temperatures; friendly
- Family Swim	Swimming and non-swimming in a variety of water depths and temperatures
- Senior Swim	Swimming and non-swimming in moderate depth water, warm water temperatures
- Tot Wading	Water play, experimentation; shallow; place for parents to sit
- Interactive Water Play/Toys	Interactive, non-swimming activities
- Water Basketball	Active recreational activity; portable hoop; 4 foot depth
- Water Volleyball	Active recreational activity; net set-up; 4-5 foot depth
- Diving	Active recreational activity; short board (less than 1 meter)
- Soaking, Relaxing	Passive recreational activity; hot tub; 3-3.5 foot depth; 95-102 degrees



- Water Polo
- Kayak
- Snorkeling
- SCUBA

**Fitness Programs**

**Program Description**

- Lap Swim
- Deep Water Jogging
- Aquaerobics
- Deep Water Fitness
- Aquatic Body Conditioning
- Water Walking
- Weights and Water

8 lanes; 25 yard, min.; 3.5 foot depth preferred for flip turns  
6.5 foot minimum depth  
3.5 - 5 foot depth; normal water temperatures  
6 foot min. depth and deeper, normal water temperatures  
3.5 - 5 foot depth; normal water temperatures  
3.5 - 4 foot depth; normal water temperatures  
4.5 foot depth preferred, normal water temperatures

**Competition**

**Program Description**

Swim Meets

- 25 yard (short course)

8 lanes; 25 yards; 3.5 foot minimum depth preferred  
cooler water temperatures

Support for Programs:

- H.S. Swim Teams
- Community Swim Club

**Therapy/Wellness Programs**

**Program Description**

- Prescribed Physical Therapy
- Water exercise programs
- Arthritis Aquatic Exercise
- Post-Op Conditioning
  
- Pre/Post natal Fitness
- Upper Body Recovery

Individual/trainer directed

Can be combined with activities in other pools, or in a separate pool designed specifically for Therapy

**Spectator Support**

**Program Description**

Seating

300 people; upper level preferred



## Facility Program

General considerations for the design, and consequently the budgeting for the facility, include accommodating the desire for an attractive, durable, low maintenance facility that expresses its' role as a public facility and a source of community pride and identity. The proposed project budget will be based on the bid and constructed costs of similar facilities in Oregon and will seek to establish the funding parameters necessary to make prudent use of both public and private investment in this important community resource.

The following section presents the detailed considerations given to all aspects of the proposed project during the course of this study, leading up to the final recommendation for a Conceptual Design and proposed Project Budget. While additional planning and design work is necessary to see such a project through to fruition, this Conceptual Design will enable the community to review, discuss and build the important community and financial support required for a successful outcome.

In order to accommodate the proposed activities, the following described components are to be included in the development of the Conceptual Schematic Design. Where appropriate, proposed square foot areas are noted for enclosed spaces or components to provide a basis for cost estimating.

### **Natatorium**

**approximately 15,000 SF**

In order to provide the community with year-round aquatic activities a cover would need to be provided over the pool area, creating a natatorium. Structural options for the natatorium are varied, but limited. In this region such structures are typically designed as long span, permanent, insulated, heated and ventilated structures designed for long-term use. For the purpose of this study the scope and cost of the natatorium will be based on this standard. Natatorium square footages noted include pool area, deck area, and spectator seating.

### **25 Yard Pool - 4,640 SF**

New 25-yard, 8-lane pool with perimeter gutter system and piping, plaster finish and related equipment (lane lines, start blocks, guard stands, ladders). Depth will range from 3'-6" to 10'-6". Design to accommodate future water slide and diving board(s).

### **Warm Water Pool - 1,900 SF**

New multi-use warm water pool with depths ranging from zero inches to approximately 4'-0" deep. Include ramp area and wide steps for easy access. Provide separate system from 25-yard pool to allow for differing temperatures. Includes wading area for toddlers and seating for parents. Include water play toys or fountains.

### **Therapy Pool - 600 SF**

New warm water pool with depth ranging from 4'-0" to 6'-0" deep. Include wide steps for easy access and handrails along all sides inside pool. Could be considered part of a multi-use warm water pool,.

### **Hot Tub - 200SF**

Depth ranging from 3'-0" to 3'-6" deep. sized for 8-10 people



**Spectator Seating – 300 seats** **1,000 SF**

Area for bleacher type seating adjacent to 25-yard pool for spectator seating. Locate to provide for, separate access and circulation for spectators to avoid traffic across pool deck. Preference to have raised from deck area. Some seating could be accommodated by portable bleachers.

**Mechanical/Electrical Support Spaces** **2,500 SF**

Includes boiler room, pump pits, surge pits, chemical storage room, electrical room, and fan room. In support of natatorium, pools, and other additional components.

**Office/Storage Area** **600 SF**

Guard station, first aid station and related pool staff support areas, and pool related storage area

**Change Room Expansion** **1,200 SF**

The existing change rooms of the Newport Recreation Center can meet a portion of the code required sanitary facilities (toilets, showers, etc.) required for the pool addition. Additional change room space is planned for in this design study to allow for expanded user needs as well as allowing for reconfiguration of the existing change rooms to allow for access to the natatorium.

**Net-to-Gross @ 10%** **2,050 SF**

**Total Projected SF 22,350 SF**

**Additional Support Spaces** **1,500 SF (renovated)**

It is assumed that additional program support spaces (admissions, administration, multi-use rooms, etc.) can be accommodated within the existing Newport Recreation Center. The conceptual cost estimate included in this report includes an allowance for the reconfiguration and renovation of some existing space to tie the pool addition in functionally with the existing building.